

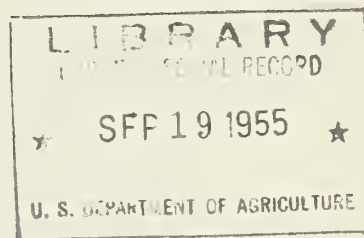
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UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE



Tables on Hatchery and Flock Participation in the
National Poultry Improvement Plan



Table 1 - Hatchery Participation in the National Poultry Improvement Plan,
by States and Divisions, 1952-53 and 1953-54

| State and Division | 1952-53 | | 1953-54 | |
|---------------------------|--------------|--------------------|--------------|--------------------|
| | Number | Egg Capacity | Number | Egg Capacity |
| Maine | 57 | 3,701,056 | 49 | 3,531,390 |
| New Hampshire | 73 | 5,581,700 | 60 | 4,940,700 |
| Vermont | 15 | 368,780 | 13 | 286,280 |
| Massachusetts | 170 | 5,875,292 | 146 | 5,859,370 |
| Rhode Island | 13 | 637,160 | 10 | 487,860 |
| Connecticut | 92 | 5,422,495 | 77 | 5,769,230 |
| New York | 166 | 7,214,161 | 155 | 7,018,477 |
| New Jersey | 94 | 12,259,930 | 94 | 11,453,430 |
| Pennsylvania | 199 | 15,314,722 | 137 | 12,739,794 |
| NORTH ATLANTIC | 879 | 56,375,296 | 741 | 52,086,531 |
| Ohio | 199 | 18,644,945 | 197 | 18,558,300 |
| Indiana | 244 | 28,028,000 | 234 | 26,742,660 |
| Illinois | 202 | 29,338,542 | 196 | 27,365,633 |
| Michigan | 109 | 8,268,816 | 109 | 8,039,356 |
| Wisconsin | 65 | 4,423,220 | 66 | 4,692,238 |
| EAST NORTH CENTRAL | 819 | 88,703,523 | 802 | 85,398,187 |
| Minnesota | 232 | 23,334,564 | 228 | 23,704,475 |
| Iowa | 132 | 14,387,700 | 128 | 14,163,700 |
| Missouri | 208 | 30,337,864 | 190 | 27,457,478 |
| North Dakota | 41 | 2,954,413 | 38 | 3,248,306 |
| South Dakota | 52 | 4,453,540 | 49 | 4,596,420 |
| Nebraska | 73 | 7,756,102 | 78 | 8,001,926 |
| Kansas | 136 | 11,001,884 | 128 | 10,186,300 |
| WEST NORTH CENTRAL | 874 | 94,226,067 | 839 | 91,358,605 |
| Delaware | 23 | 9,648,500 | 23 | 9,749,000 |
| Maryland | 64 | 14,255,360 | 61 | 14,476,440 |
| Virginia | 98 | 14,093,169 | 89 | 13,849,229 |
| West Virginia | 26 | 2,365,492 | 27 | 2,424,352 |
| North Carolina | 172 | 12,010,070 | 167 | 11,673,474 |
| South Carolina | 39 | 1,889,707 | 38 | 2,468,951 |
| Georgia | 115 | 13,306,330 | 108 | 13,367,057 |
| Florida | 93 | 4,649,211 | 69 | 4,770,715 |
| SOUTH ATLANTIC | 630 | 72,217,839 | 582 | 72,779,218 |
| Kentucky | 96 | 5,711,248 | 90 | 5,464,164 |
| Tennessee | 63 | 4,466,376 | 58 | 4,441,436 |
| Alabama | 80 | 5,892,630 | 76 | 6,257,704 |
| Mississippi | 75 | 5,675,103 | 70 | 6,230,087 |
| Arkansas | 67 | 5,620,680 | 53 | 4,990,240 |
| Louisiana | 45 | 1,898,708 | 30 | 1,538,460 |
| Oklahoma | 58 | 5,142,188 | 57 | 5,113,988 |
| Texas | 85 | 8,159,678 | 48 | 5,396,938 |
| SOUTH CENTRAL | 569 | 42,566,711 | 482 | 39,433,017 |
| Montana | 14 | 651,940 | 14 | 708,760 |
| Idaho | 34 | 1,467,200 | 30 | 1,503,820 |
| Wyoming | 6 | 203,080 | 6 | 196,080 |
| Colorado | 33 | 2,734,500 | 20 | 1,749,500 |
| New Mexico | 4 | 143,000 | 4 | 143,000 |
| Arizona | 7 | 251,000 | 3 | 105,000 |
| Utah | 18 | 1,487,980 | 16 | 1,261,680 |
| Washington | 54 | 4,093,428 | 41 | 3,671,500 |
| Oregon | 61 | 3,875,356 | 60 | 3,565,118 |
| California | 101 | 11,533,999 | 82 | 10,558,959 |
| WESTERN | 332 | 26,441,483 | 276 | 23,463,417 |
| UNITED STATES | 4,103 | 380,530,919 | 3,722 | 364,518,975 |

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Table 2 - Flock participation in the National Poultry Improvement Plan,
by States and Divisions, 1952-53 and 1953-54

| State and Division | 1952-53 | | | 1953-54 | | |
|--------------------|---------|------------|------------------------|---------|------------|------------------------|
| | Flocks | Birds | Av. birds per flock | Flocks | Birds | Av. birds per flock |
| Maine | 647 | 1,319,120 | 2,039 | 634 | 1,485,564 | 2,343 |
| New Hampshire | 463 | 1,494,676 | 3,228 | 465 | 1,519,875 | 3,269 |
| Vermont | 207 | 219,030 | 1,058 | 204 | 229,883 | 1,127 |
| Massachusetts | 408 | 932,442 | 2,285 | 460 | 896,776 | 1,950 |
| Rhode Island | 57 | 55,995 | 982 | 46 | 59,282 | 1,289 |
| Connecticut | 200 | 577,256 | 2,886 | 186 | 699,364 | 3,760 |
| New York | 598 | 810,326 | 1,355 | 530 | 752,687 | 1,420 |
| New Jersey | 618 | 1,022,786 | 1,655 | 539 | 989,087 | 1,835 |
| Pennsylvania | 2,506 | 1,565,177 | 625 | 1,750 | 1,496,823 | 855 |
| NORTH ATLANTIC | 5,704 | 7,996,808 | 1,402 | 4,814 | 8,129,341 | 1,689 |
| Ohio | 6,255 | 1,628,010 | 260 | 6,220 | 1,714,941 | 276 |
| Indiana | 9,904 | 2,658,541 | 268 | 10,182 | 2,782,889 | 273 |
| Illinois | 8,915 | 2,075,641 | 233 | 8,903 | 2,161,029 | 243 |
| Michigan | 1,771 | 715,872 | 404 | 1,818 | 743,597 | 409 |
| Wisconsin | 1,005 | 347,681 | 346 | 1,104 | 369,189 | 334 |
| EAST NORTH CENTRAL | 27,850 | 7,425,745 | 267 | 28,227 | 7,771,645 | 275 |
| Minnesota | 4,250 | 1,810,110 | 426 | 4,391 | 1,807,302 | 412 |
| Iowa | 4,472 | 1,211,102 | 271 | 5,039 | 1,525,083 | 303 |
| Missouri | 13,461 | 2,916,903 | 217 | 12,983 | 3,055,764 | 235 |
| North Dakota | 747 | 158,677 | 212 | 789 | 173,562 | 220 |
| South Dakota | 1,073 | 301,456 | 281 | 1,058 | 302,045 | 285 |
| Nebraska | 1,788 | 500,620 | 280 | 1,985 | 562,291 | 283 |
| Kansas | 3,254 | 769,324 | 236 | 3,108 | 758,028 | 244 |
| WEST NORTH CENTRAL | 29,045 | 7,668,192 | 264 | 29,353 | 8,184,075 | 279 |
| Delaware | 467 | 525,287 | 1,125 | 409 | 527,675 | 1,290 |
| Maryland | 1,368 | 559,999 | 409 | 1,243 | 567,327 | 456 |
| Virginia | 2,004 | 996,104 | 497 | 2,111 | 1,073,066 | 508 |
| West Virginia | 997 | 197,287 | 198 | 1,051 | 206,913 | 197 |
| North Carolina | 3,100 | 1,653,916 | 534 | 3,182 | 2,370,751 | 745 |
| South Carolina | 308 | 170,748 | 554 | 314 | 224,439 | 715 |
| Georgia | 725 | 1,058,240 | 1,460 | 790 | 1,253,214 | 1,586 |
| Florida | 182 | 298,252 | 1,639 | 146 | 274,263 | 1,879 |
| SOUTH ATLANTIC | 9,151 | 5,459,833 | 597 | 9,246 | 6,497,648 | 703 |
| Kentucky | 3,290 | 507,551 | 154 | 3,409 | 557,627 | 164 |
| Tennessee | 1,276 | 326,862 | 256 | 1,169 | 328,672 | 281 |
| Alabama | 697 | 425,729 | 611 | 800 | 523,942 | 655 |
| Mississippi | 367 | 299,649 | 816 | 395 | 430,913 | 1,091 |
| Arkansas | 807 | 443,970 | 550 | 660 | 378,884 | 574 |
| Louisiana | 331 | 213,851 | 646 | 313 | 259,733 | 830 |
| Oklahoma | 1,428 | 295,323 | 207 | 1,457 | 289,742 | 199 |
| Texas | 888 | 437,357 | 493 | 812 | 382,715 | 471 |
| SOUTH CENTRAL | 9,084 | 2,950,292 | 325 | 9,015 | 3,152,228 | 350 |
| Montana | 157 | 44,054 | 281 | 159 | 45,082 | 284 |
| Idaho | 344 | 113,504 | 330 | 299 | 105,025 | 351 |
| Wyoming | 47 | 7,300 | 155 | 40 | 7,444 | 186 |
| Colorado | 549 | 138,763 | 253 | 460 | 109,986 | 239 |
| New Mexico | 22 | 8,894 | 404 | 21 | 9,398 | 448 |
| Arizona | 17 | 5,454 | 321 | 9 | 1,818 | 202 |
| Utah | 95 | 93,156 | 981 | 81 | 84,855 | 1,048 |
| Washington | 478 | 480,535 | 1,005 | 458 | 486,194 | 1,062 |
| Oregon | 739 | 458,236 | 620 | 802 | 485,424 | 605 |
| California | 956 | 984,028 | 1,029 | 878 | 957,202 | 1,090 |
| WESTERN | 3,404 | 2,333,924 | 686 | 3,207 | 2,292,428 | 715 |
| UNITED STATES | 84,238 | 33,834,794 | 402 | 83,862 | 36,027,365 | 430 |

Table 3. Summary of Hatchery Participation in the National Poultry Improvement Plan, 1948-49 to 1953-54, inclusive.

| | | 1948-49 | 1949-50 | 1950-51 | 1951-52 | 1952-53 | 1953-54 |
|---|------|-------------|-------------|-------------|-------------|-------------|-------------|
| Number Hatcheries | | 4,438 | 4,637 | 4,482 | 4,389 | 4,103 | 3,722 |
| Hatching Egg Capacity | | 346,294,000 | 367,253,150 | 383,642,943 | 389,716,303 | 380,530,919 | 364,518,975 |
| Percent Increase or Decrease | No. | +1.93 | +4.48 | -3.34 | -2.07 | -6.52 | -9.29 |
| | Cap. | +5.41 | +6.05 | +4.46 | +1.58 | -2.36 | -4.21 |
| A.M.S. Hatchery Estimate | No. | 9,341 | 9,341 | 8,809 | 8,809 | 7,977 | 6,890 |
| | Cap. | 551,847,000 | 551,847,000 | 575,099,000 | 575,099,000 | 582,615,000 | 562,237,000 |
| Percent of A.M.S. Estimate Participating | No. | 47.5 | 49.6 | 50.9 | 49.8 | 51.4 | 54.0 |
| | Cap. | 62.8 | 66.5 | 66.7 | 67.8 | 65.3 | 64.8 |
| U. S. Approved | No. | 3,384 | 3,622 | 3,599 | 3,591 | 3,374 | 3,073 |
| | Cap. | 290,248,000 | 310,549,873 | 333,161,130 | 342,443,415 | 335,293,976 | 320,494,858 |
| U. S. Certified | Per. | 83.81 | 84.56 | 86.84 | 87.87 | 88.11 | 87.92 |
| | No. | 407 | 381 | 341 | 318 | 309 | 306 |
| Pullorum Classes Only (no breeding stage) | Cap. | 17,896,000 | 17,338,026 | 16,303,206 | 15,531,194 | 16,438,830 | 17,201,969 |
| | Per. | 5.17 | 4.72 | 4.25 | 3.99 | 4.32 | 4.72 |
| U. S. Pullorum-Tested | No. | 647 | 634 | 542 | 480 | 420 | 343 |
| | Cap. | 38,150,000 | 39,365,251 | 34,178,607 | 31,741,694 | 28,798,113 | 26,822,148 |
| U. S. Pullorum-Controlled | Per. | 11.02 | 10.72 | 8.91 | 8.14 | 7.57 | 7.36 |
| | No. | 170 | | | | | |
| U. S. Pullorum-Passed | Cap. | 11,242,000 | | | | | |
| | Per. | 3.25 | | | | | |
| U. S. Pullorum-Clean | No. | 1,683 | 1,326 | 1,033 | 782 | 478 | 251 |
| | Cap. | 156,314,000 | 111,567,865 | 93,880,948 | 71,955,143 | 40,248,907 | 17,777,950 |
| U. S. Pullorum-Clean | Per. | 45.14 | 30.38 | 24.47 | 18.46 | 10.58 | 4.88 |
| | No. | 1,256 | 1,691 | 1,642 | 1,711 | 1,553 | 1,311 |
| U. S. Pullorum-Clean | Cap. | 108,227,000 | 153,014,164 | 156,872,773 | 168,111,653 | 162,832,455 | 142,913,298 |
| | Per. | 31.25 | 41.66 | 40.89 | 43.14 | 42.79 | 39.20 |
| U. S. Pullorum-Clean | No. | 1,329 | 1,620 | 1,807 | 1,896 | 2,072 | 2,160 |
| | Cap. | 70,511,000 | 102,671,121 | 132,889,222 | 149,649,507 | 177,449,557 | 203,827,727 |
| U. S. Pullorum-Clean | Per. | 20.36 | 27.96 | 34.64 | 38.40 | 46.63 | 55.92 |

Table 4. Summary of Flock Participation in the National Poultry Improvement Plan, 1948-49 to 1953-54, inclusive.

| | | 1948-49 | 1949-50 | 1950-51 | 1951-52 | 1952-53 | 1953-54 |
|---|--------------|------------|------------|------------|------------|------------|------------|
| Number flocks | | 93,874 | 106,597 | 95,079 | 96,089 | 84,238 | 83,862 |
| Number birds | | 27,409,109 | 34,700,337 | 33,719,373 | 37,473,625 | 33,834,794 | 36,027,365 |
| Percent Increase or Decrease | Flocks | -3.60 | +13.55 | -10.81 | +1.06 | -12.33 | -4.45 |
| | Birds | +4.43 | +26.60 | -2.82 | +11.13 | -9.71 | +6.48 |
| Av. No. Birds per Flock | | 292 | 326 | 355 | 390 | 402 | 430 |
| U. S. Approved | Flocks | 85,027 | 97,881 | 87,713 | 88,664 | 78,144 | 77,956 |
| | Birds | 21,504,257 | 28,350,156 | 28,057,255 | 31,526,397 | 28,890,778 | 31,099,528 |
| U. S. Certified | Per. | 78.46 | 81.70 | 83.21 | 84.13 | 85.39 | 86.32 |
| | Flocks | 5,684 | 5,660 | 4,752 | 4,765 | 4,186 | 4,116 |
| U. S. Certified | Birds | 2,597,084 | 2,700,624 | 2,576,214 | 2,553,259 | 2,392,107 | 2,175,954 |
| | Per. | 9.47 | 7.78 | 7.64 | 6.81 | 7.07 | 6.04 |
| Pullorum Classes Only (no breeding stage) | Flocks | 3,163 | 3,056 | 2,614 | 2,660 | 1,908 | 1,790 |
| | Birds | 3,307,498 | 3,649,557 | 3,085,904 | 3,393,969 | 2,551,909 | 2,751,883 |
| U. S. Pullorum-Tested | Per. | 12.07 | 10.52 | 9.15 | 9.06 | 7.54 | 7.64 |
| | Flocks | 2,951 | | | | | |
| U. S. Pullorum-Tested | Birds | 532,017 | | | | | |
| | Per. | 1.94 | | | | | |
| U. S. Pullorum-Controlled | Flocks | 40,736 | 27,306 | 18,800 | 11,596 | 5,674 | 2,945 |
| | Birds | 9,475,728 | 7,254,849 | 5,184,311 | 3,541,449 | 1,719,880 | 924,255 |
| U. S. Pullorum-Controlled | Per. | 34.57 | 20.91 | 15.38 | 9.45 | 5.08 | 2.57 |
| | Flocks | 39,621 | 58,120 | 51,713 | 55,370 | 43,941 | 36,721 |
| U. S. Pullorum-Passed | Birds | 9,763,634 | 14,142,846 | 12,837,730 | 14,755,746 | 12,386,221 | 10,848,992 |
| | Per. | 35.62 | 40.76 | 38.07 | 39.38 | 36.61 | 30.11 |
| U. S. Pullorum-Passed | Flocks | 10,566 | 21,171 | 24,566 | 29,123 | 34,623 | 44,196 |
| | Birds | 7,637,730 | 13,302,642 | 15,697,332 | 19,176,430 | 19,728,693 | 24,254,118 |
| U. S. Pullorum-Clean | Per. | 27.87 | 38.33 | 46.55 | 51.17 | 58.31 | 67.32 |
| | No. Flocks | 97,190 | 111,422 | 100,471 | 100,586 | 86,300 | 85,644 |
| FIRST TEST | No. Birds | 29,320,525 | 37,237,674 | 36,843,630 | 39,704,243 | 35,654,526 | 37,766,375 |
| | No. Reactors | 250,553 | 269,115 | 199,968 | 149,988 | 81,109 | 88,918 |
| FIRST TEST | % Reactors | .86 | .72 | .54 | .38 | .23 | .24 |